O1	nica S	tates I atent [19]					
Car	Cary et al.						
[54]	TRANSDUCER ASSEMBLAGE FOR HAND-HELD VIBRATION METERS						
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[52]	U.S. Cl Field of Sea						
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[57] ABSTRACT

A probe assemblage for vibration meters of the handheld variety which exhibits a substantially flat frequency response through 1,000 Hz. The probe structure includes a flat contact surface at its tip for hand-held engagement with the vibratory surface being monitored. The tip is spaced from an articulated ball and socket-like joint which provides for vibration transfer to an associated transducer such as an accelerometer. A compliant material such as Teflon or the like may be positioned intermediate the curved vibration transfer and receiving surfaces of the articulated joint within the probe.

21 Claims, 5 Drawing Sheets

